

GOVOROV, N.V.

Heterosis hybrids of sugar corn for canning. Kons. i ov.prom.  
18 no.3:28-31 Mr '63. (MIRA 16:3)

1. Opytno-selektsionnaya stantsiya v Krymske.  
(Corn (Maize))

PARAMONOV, F.F.; GOVOROV, N.V.

Biochemical analysis of sweet corn. Kons. i ev. prem. no.7:  
27-29 JI '63. (MIRA 16:9)

1. Vsesoyuznyy isntitut rasteniyevodstva.

GOVOROV, N.V.

Changing the order of differentiation for functions, analytical  
with respect to one of the arguments. Trudy NPI 109:21-23 '60.  
(MIRA 14:3)

(Calculus, Differential)

S/0201/64/000/001/0012/0017

ACCESSION NR: AP4025746

AUTHOR: Govorov, N. V.

TITLE: Homogeneous Riemann boundary value problem with infinite index

SOURCE: AN BSSR. Izv. Seriya fiziko-tekhnicheskikh nauk, no. 1, 1964, 12-17

TOPIC TAGS: Riemann boundary value problem, homogeneous boundary value problem, infinite index, smooth open contour, indicator, characteristic of decrease, bounded solution, vortex point, entire function

ABSTRACT: The author defines the order of a function and its indicator, and the order of its decrease, in general and in a wedge. In the region D in the z plane he studies the homogeneous Riemann boundary value problem

$$\Phi^+(t) = G(t)\Phi^-(t) \quad (1)$$

under certain assumptions. He restricts consideration to bounded solutions of this problem and proves theorems concerning conditions under which (1) does not have bounded solutions of a given order; under which (1) has an infinite set of

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ACCESSION NR: AP4025746

linearly independent solutions of form

$$\Phi(z) = F(z) \exp \left[ \frac{z}{2\pi i} \int \frac{\ln G(\tau) d\tau}{\tau(\tau-z)} \right], \quad F(z) = cz^m \prod_{n=1}^{\infty} \left( 1 - \frac{z}{z_n} \right), \quad (2)$$

and related theorems. "In conclusion I express my deep gratitude to my scientific instructor F. D. Gakhov." Orig. art. has: 14 formulas.

ASSOCIATION: none

SUBMITTED: 00

SUB CODE: MM

DATE ACQ: 10Apr64

NO REF SOV: 002

ENCL: 00

OTHER: 000

Card 2/2

GOVOROV, N.V.

Riemann's inhomogeneous boundary value problem with an infinite  
index. Dokl. AN SSSR 159 no.5:961-964 D '64 (MIRA 18:1)

1. Novocherkasskiy politekhnicheskii institut. Predstavleno  
akademikom A.A. Dorodnitsynym.

ACCESSION NR: AP4019938

S/0020/64/134/006/1247/1249

AUTHOR: Gerverov, M. V.

TITLE: Riemann boundary value problem with infinite index

SOURCE: AN SSSR. Doklady\*, v. 134, no. 6, 1964, 1247-1249

TOPIC TAGS: boundary value problem, Riemann problem, Riemann boundary value problem, whole function, continuous function

ABSTRACT: The basic characteristic determining the number of linearly independent solutions to the Riemann boundary value problem is the index of its coefficient. The present article gives a solution to this problem for one case of inverting the index into infinity. Only the case of positive vorticity is examined. A homogeneous Riemann boundary value problem

$$\Phi^+(\eta) = G(\eta) \Phi^-(\eta)$$

is examined in the domain D under the following assumptions

Card 1/3

ACCESSION NR: AP6019958

1.  $\arg G(\eta) = \varphi(\eta) \rho$ ,  $0 < \rho < 1/2$ ,  $\varphi(\eta) \in H(\mu)$ ,  $0 < \mu < 1$ ,  $\varphi(\infty) = \lambda > 0$ ,  $-2\pi < \arg G(1) < 0$ .
2.  $\ln |G(\eta)| \in H(\mu)$ .

A nonhomogeneous Riemann boundary value problem

$$\Phi^+(l) = G(l) \Phi^-(l) + g(l), \quad 1 < l < \infty,$$

is examined in the domain D with an infinite index under the following assumptions

1.  $\arg G(\eta) = \varphi(\eta) \rho$ ,  $0 < \rho < 1/2$ ,  $\varphi(\eta) \in H(\mu)$ ,  $\rho < \mu < 1$ ,  $\varphi(\infty) = \lambda > 0$ .
2.  $\ln |G(\eta)|$ ,  $g(\eta) \in H(\mu)$ ,  $0 < \mu < 1$ .
3.  $\arg G(1) = 0$ ,  $g(1) = 0$ ,  $-2\pi < \arg G(l) < 0$ .

Card 2/3

ACCESSION NR: AP4019918

Generally speaking, problem (8) does not have a solution of the order  $s$  with an indicator function

$$h_0(\theta) < h_0 < 0 \quad (0 < \theta < 2\pi).$$

"In conclusion, author expresses his deep thanks to Professor F. D. Gakhov, who directed the present work." Orig. art. has: 9 equations

ASSOCIATION: AM, SSSR

SUBMITTED: 22Jul63

DATE ACQ: 23Mar64

ENCL: 00

SUB CODE: MM

NO REF SOV: 002

OTHER: 000

Card 3/3

GOVOROV, N.V.

Indicator of functions of nonintegral order, analytic and growing  
with perfect regularity on a half-plane. Dokl. AN SSSR 162 no.3:  
495-498 My '65. (MIRA 18:5)

1. Novocherkasskiy politekhnicheskii institut. Submitted December 8,  
1964.

Govorov, O.

AID P - 1560

Subject : USSR/Aeronautics  
Card 1/1 Pub. 135 - 13/18  
Author : Govorov, O., Engineer  
Title : Technical standardization in repair units  
Periodical : Vest. vozd. flota, 2, 71-73, F 1955  
Abstract : The author stresses the importance of standardization in repair units, complains about the small degree of standardization already introduced, and indicates steps to be taken to improve the situation.  
Institution: None  
Submitted : No date

Country : USSR  
Category: Cultivated Plants. Grains.

M

Abs Jour: RZhBiol., No 22, 1958, No 100262

Author : Govorov, P.M.  
Inst : Inst. of Biology, Yakut Affil. AS USSR  
Title : An Experiment in Growing Corn at Chuchur-Muranskaya Biological Station.

Orig Pub: Tr. In-ta biol. Yakutskiy fil. AN SSSR, 1957, vyp. 3, 167-174

Abstract: In 1954, a study of a large collection of corn varieties was carried out at Chuchur-Muranskaya Biological Station (Yakutskaya SSR). All of the varieties studied, were divided into 4 groups according to the length of the vegetative period: I group - vegetative

Card : 1/3

M-40

Country : USSR

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000516430001-1

Category: Cultivated Plants. Grains.

Abs Jour: RZhBiol., No 22, 1958, No 100262

period of 95-100 days, the yield of green roughage - 200 centners/ha; II group - vegetative period of 100-110 days, the yield of green roughage 260 centners/ha; III group - with the planting in the ground, it reaches only the milky stage, the yield of green roughage is 240-400 centners/ha; IV group - with the planting in the ground reaches the stage of tassel emergence, the yield of green roughage is up to 570 centners/ha. The most productive in Yakutia, proved to be varieties of the III and IV groups, but their mature seeds can be secured only by the

Card : 2/3

Abs Jour: RZhBiol., No 22, 1958, No 100262

cultivation of seedlings. With an average yield of the green roughage being 200-250 centners/ha, corn is the most efficient si-

GOVOROV, P.M.

Effect of seeding time on the growth and development of corn plants  
in central Yakutia. Uch.zap. IAGU no.6:85-98 '59. (MIRA 13:12)  
(Yakutia--Corn (Maize))

GOVOROV, P.M.

Some deviations in the development of the corn flower in central  
Yakutia. Uch.zap. IAGU No.6:99-103 '59. (MIRA 13:12)  
(Yakutia—Corn (Maize))

GOVOROV, P.M.

Some specific features of the development of hybrid corn in Yakutia.  
Nauch. soob. IAFAN SSSR no.5:43-50 '61. (MIRA 14:12)  
(Chuchur-Muran region--Corn (Maize)--Varieties)

GOVOROV, R. A.

YU. V. GADLIN, R. A. GOVOROV, R. A. BRUNSTEIN:  
In a Russian Symposium of Papers entitled "Heat Treatment of  
Rails", edited by I. P. Bardin and published by the Soviet  
Academy of Science, Moscow 1950, The Following articles  
appeared; Prevention of flake formation in undercooled  
rails.

SO: 826103

L 00478-66 EWP(e)/EWT(m)/EWP(1)/EWP(b)  
ACCESSION NR: AT5013393

GS/WH

UR/0000/65/000/000/0143/0149

AUTHOR: Bokin, P. Ya.; Govorova, R. A.

TITLE: Resistance to surface grinding and mechanical properties of certain glasses and glass-crystalline materials

SOURCE: AN SSSR. Institut khimii silikatov. Strukturnyye prevrashcheniya v steklakh pri povyshennykh temperaturakh (Structural transformations in glass at high temperatures). Moscow, Izd-vo Nauka, 1965, 143-149

TOPIC TAGS: glass surface strength, glass property, glass grinding, optical glass

ABSTRACT: The method of mutual grinding was used to study the strength characteristics of K8, BK6, F2, and TF4 optical glasses and of glass-crystalline materials prepared from these glasses. Quartz glass ( $H = 710 \text{ kg/mm}^2$ ) and a powder of silicon carbide ( $H = 2900 \text{ kg/mm}^2$ ) were taken as the standards. The influence of the relative size of the glasses being ground on the value of the surface strength  $P_0$  obtained was determined. It was found that in order to determine  $P_0$  of the optical glasses within 8 - 10%, the surface areas of the samples used in the mutual grinding should differ from each other by a factor of no more

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ACCESSION NR: AT5013393

2  
than 2.0 - 2.5 if the strength of the ground sample is 3 to 5 times less than that of the standard glass. Grinding of glasses with a strength of 0.18 and glass-crystalline materials with a strength of 4.6 showed that the general principle of the mutual grinding method was closely obeyed for all the samples, and hence, that the method is fully applicable to the determination of the surface strength of both glasses and glass-crystalline materials. In addition, this method permits the detection of internal changes in the structure of lithium silicate glasses caused by a variable content of lithium oxide. The relationship between the surface strength of glasses and glass crystalline materials and their micro-hardness and Young's modulus was elucidated. "Measurements of the hardness of glasses and glass-crystalline materials were carried out by G. A. Nikandrova."  
Orig. art. has: 3 figures and 4 tables. 77

ASSOCIATION: none

SUBMITTED: 21Dec64

ENCL: 00

SUB CODE: MT

NO REF SOV: 004

OTHER: 000

mlr  
Card 2/2

L 00477-66 EWP(e)/EWT(m)/EWP(1)/EWP(b) GS/WH  
ACCESSION NR: ATE01222

ACCESSION NR: AT5013394

UR/0000/65/000/000/0149/0157

44 44 44  
AUTHOR: Bokin, P. Ya.; Korelova, A. I.; Govorova, R. A.; Alekseyeva, O. S.;  
Nikandrova, G. A. 44

TITLE: Mechanical properties and microstructure of lithium silicate glasses at various stages of crystallization (b)(4)

SOURCE: AN SSSR. Institut khimii silikatov. <sup>15.77</sup> <sup>44</sup> Strukturnyye prevrashcheniya v steklakh pri povyshennykh temperaturakh (Structural transformations in glass at high temperatures). Moscow, Izd-vo Nauka, 1965, 149-157

TOPIC TAGS: glass mechanical property, glass crystallization, lithium silicate glass, glass structure

**ABSTRACT:** Certain mechanical properties and their dependence on the microstructure of initial and crystallized lithium silicate glasses containing 23.4 and 34.4 mole % lithium oxide were investigated. The glasses were subjected to various thermal treatments, and their microstructure was studied. The change in the size and quantity of spherulites and in the density, microhardness, elastic constants, and surface strength of the glasses was studied as a function of the conditions of thermal treatment. This combined study of the microstructure and mechanical properties of lithium silicate glasses reveals that changes in

L 00477-66

ACCESSION NR: AT5013394

such properties taking place during the crystallization of glasses under various conditions are closely related to changes in their microstructure, which in turn depends on the composition and properties of the separating crystals.  
Orig. art. has: 7 figures and 2 tables.

ASSOCIATION: none

SUBMITTED: 21Dec64

ENCL: 00

SUB CODE: NT

NO REF SOV: 006

OTHER: 000

Card 2/2

L 00476-66 EWP(e)/EWT(m)/EWP(i) -- GS/WH  
ACCESSION NR: AT5013395

UR/0000/65/000/000/0158/0176

AUTHOR: Bokin, P. Ya.<sup>44</sup>; Korelova, A. I.<sup>44</sup>; Govorova, R. A.<sup>44</sup>; Alekseyeva, O. S.<sup>44</sup>  
Nikandrova, G. A.<sup>44</sup> 22  
B-1

TITLE: Relationship between certain mechanical properties and the micro-  
structure of crystallized lithium aluminosilicate glasses 1544

SOURCE: AN SSSR. Institut khimii silikatov.<sup>44</sup> Strukturnyye prevrashcheniya v  
steklakh pri povyshennykh temperaturakh (Structural transformations in glass at  
high temperatures). Moscow, Izd-vo Nauka, 1965, 158-176

TOPIC TAGS: glass crystallization, glass mechanical property, lithium  
metasilicate, lithium aluminosilicate

ABSTRACT: A series of mechanical properties (density, hardness, elastic con-  
stants, and surface strength) were studied as a function of the microstructure  
of lithium aluminosilicate glass subjected to crystallization under various  
conditions of thermal treatment. The microstructure was investigated by optical  
and electron microscopy; x-ray phase analysis was also employed. In samples  
subjected to thermal treatment at 530-700C, the increase in density is due to  
the crystallization of lithium metasilicate, which is also responsible for the  
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L 00476-66

ACCESSION NR: AT5013395

increase in microhardness, Young's modulus, and surface strength. A still greater increase in density at 740C and above, associated with a decline in mechanical properties, is caused by the formation of a  $\beta$ -eucryptite solid solution, which is much more brittle than glass. It is concluded that the methods selected for studying the mechanical properties are sufficiently sensitive and adequately reflect changes in the process of crystallization and in the nature of the crystallizing phases caused by different conditions of thermal treatment. The results showed that the appearance of any crystalline phase in the glass is associated with the formation of a microstructure characteristic of this phase, and this in turn is manifested by changes in the curves representing the mechanical properties versus the temperature of the thermal treatment. Orig. art. has: 13 figures and 2 tables.

ASSOCIATION: none

SUBMITTED: 21Dec64

ENCL: 00

SUB CODE: MT

NO REF SOV: 013

OTHER: 011

Card

2/2

GOVOROV, V. A.

"Concerning Operational Control of Radio Communications," Vest. svyazi, No.8,  
pp 19, 1953

Chief, Division of Technical Operation of the Tashkent Directorate for Radio  
Communications.

Translation No. 544, 30 Apr 56

GOVOROV, V.A.

Why the resolution of the All-Union conference on the operation of the means of radio communication is not being carried out. Vest. svyazi 15 no.1:22-23 Ja'55. (MLRA 8:2)

1. Nachal'nik otdela tekhnicheskoy ekspluatatsii Tashkentskoy direktsii radiosvyazi.  
(Radio stations)

GOVOROV, V. A.

AID P - 1899

Subject : USSR/Engineering

Card 1/2 Pub. 29 - 4/25

Authors : ~~Govorov, V. A.~~, Eng., Lisenkov, A. A., Kand. of  
Tech. Sci., and Zakhalev, I. A., Kand. Phys.-Math.Sci.

Title : Burning of unassorted anthracite on chain-grate stoker  
without fall-throughs

Periodical : Energetik, 2, 12-13, F 1955

Abstract : The authors made observation tests of anthracite burning in the TS-30 boiler (30 t/h., 22 atm and 375°C built by the Taganrog Plant). The boiler furnace, equipped with chain-grate stoker without fall-throughs and designed for burning assorted hard coal, did not generate the expected amount of steam when unassorted anthracite was used. The authors describe results of their observation supplementing it with a chart of the boiler's performance, and suggest certain means for improvement. Two diagrams.

Energetik, 2, 12-13, F 1955

AID P - 1899

Card 2/2 Pub. 29 - 4/25

Institution: None

Submitted : No date

GOVOROV, V.G., gornyy inzh.

Mine car cleaning machine. Gor. zhur. no.2:72 F '58. (MIRA 11:3)

1. Stalinogorskiy filial instituta Giproglemash.  
(Mine railroads--Cars)

*GOVOROV V.G.*  
GOVOROV, V.G., gor'nyy inzh.

Device for cleaning mine cars. Ugol' 33 no.2:36-37 F '58..  
(Mine railroads--Cars) (Coal-handling machinery) (MIRA 11:2)

GOVOROV, V.G., student III kursa; SPIVAKOVSKIY, A.O., prof. doktor

Results of mine testing of machines for cleaning railroad cars.  
Nauch. rab. stud. GNSO MGI no.7:47-49 1959. (MIRA 14:5)

1. Chlen-korrespondent AN SSSR (for Spivakovskiy).  
(Mine railroads--Cars)

S/282/63/000/002/002/005  
A059/A126

AUTHOR: Govorov, V. G.

TITLE: A continuous crystallizer

PERIODICAL: Referativnyy zhurnal, otdel'nyy vypusk, 47. Khimicheskoye i kholodil'noye mashinostroyeniye, no. 2, 1963, 32, abstract 2.47.179  
(Vestn. tekhn. i ekon. inform. N.-i. in-t tekhn.-ekon. issled. Gos. kom-ta Sov. Min. SSSR po khimii, no. 1, 1963, 24 - 26)

TEXT: The design of a continuous crystallizer intended for the production of various salts, and its operation are described. The experimental model has passed the pilot-plant tests. It is assumed that the amount of salt obtained from a heated surface of  $1 \text{ m}^2$  of the new apparatus being in production is about 15 kg/h. As an example, the basic diagram of the production of sodium chloride involving the use of a crystallizer of the design described is given. There are 2 figures.

[Abstracter's note: Complete translation]

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L 64551-65 BWT(m)/T/EWP(t /EWP(b)/EWA(c) IJP(c) 35  
ACCESSION NR: AP5018721 UR/0070/65/010/004/0525/0530

AUTHORS: Urusovskaya, A. A. <sup>14, 6</sup> Govorkov, V. G. <sup>56</sup>

TITLE: Effect of impurities on the plastic deformation of single  
crystals of calcium fluoride <sup>21, 44, 55</sup> <sub>41</sub>

SOURCE: Kristallografiya, v. 10, no. 4, 1965, 525-530, and bottom  
half of insert facing p. 475

TOPIC TAGS: calcium fluoride, crystal deformation, crystal impurity,  
plastic deformation, crystal dislocation <sup>4</sup>

ABSTRACT: The plastic deformation of single crystals of  $\text{CaF}_2$  was  
investigated under various conditions, using both pure crystals and  
crystals containing Sm and Nd impurities. Natural and synthetic  
crystals were studied. Dislocations were investigated by etching  
the (111) plane with concentrated sulphuric acid at 20C for 8--10  
minutes. The dislocation rosettes of natural and synthetic  $\text{CaF}_2$  were

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L 64538-65

ACCESSION NR: AP5018721

6

compared. The crystals were etched selectively. The compression tests were carried out on  $3 \times 3 \times 5$  mm  $\text{CaF}_2$  samples cut in the form of parallelepipeds from single-crystal boules. The surfaces of the samples were polished mechanically, and annealed at  $940\text{--}1000^\circ\text{C}$  for 40 minutes to remove the residual stresses. A special instrument was used to deform the samples in an argon atmosphere at a rate of  $6.3 \times 10^{-4} \text{ sec}^{-1}$ . The plastic deformation occurs as a result of slipping along the  $\{100\}$  in the  $\langle 110 \rangle$  directions. The plasticity (mobility of dislocations) of  $\text{CaF}_2$  depends on the valence of its rare-earth impurities: the divalent Sm strengthens the crystal more than the trivalent Nd. Annealing of  $\text{CaF}_2$  containing  $\text{Sm}^{2+}$  for an hour at  $1200^\circ\text{C}$  reduces the dislocation density within the blocks by an order of magnitude. The appearance of a minimum and a maximum on the compression curves as a function of temperature at  $600\text{--}750^\circ\text{C}$  is apparently due to the effect of the Sm and Nd impurities. "The authors express their gratitude to M. V. Klassen-Neklyudova and V. L. Indenbom for a discussion of the results, and also to V. Ya. Khaimov."

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L 64538-65

ACCESSION NR: AP5018721

<sup>44,55</sup> Mal'kov and <sup>44,55</sup> Kh. S. Bagdasarov for supplying the crystals." <sup>9</sup> Orig. art.  
has: 2 photographs and 3 figures.

ASSOCIATION: Institut kristallografii AN SSSR (Institute of Crystal-  
lography AN SSSR)

<sup>44,55</sup>  
SUBMITTED: 06Nov64

ENCL: 00

SUB CODE: SS

NR REF SOV: 010

OTHER: 017

Card

GOVOROV, V.I.; KALINICHENKO, P.G.; POLYANSKIY, G.A.

Contactless position indicator. Avtom. i prib. no.3:73 J1-S '64.  
(MIRA 18:3)

GOVOROV, V. P.

EXCERPTA MEDICA Sec.2 Vol.11/5 Physiology, etc. May 58

2293. ABSORPTION, CUMULATION AND ELIMINATION OF FRUGOSIDE (Russian text) - Govorov V. P. Moscow - FARMAKOL. I TOKSIKOL. 1957, 20/5 (81-84) Tables 4

The leaves and seeds of Gomphocarpus fruticosus contain 2 crystalline glucosides (previously described). Both gomphocarpine and frugoside possess cardiotonic activity. Their effects were previously estimated as more potent than those of ouabain etc. In experiments on cats the critical infusion rate and the elimination rate of frugoside was found to be 0.035-0.04 mg./kg./hr., being 26.9-30.7% of the MLD, i. e. considerably higher than with other cardiac glycosides. The absorption of frugoside from the duodenum was very slow and not complete.

Vacek - Brno

Kafedra farmakologii (zav. - prof. A. A. Preobrazhenskiy (Deceased)  
I Moskovskogo ordena Lenina meditsinskogo instituta imeni I. M. Sechenova.

GOVOROV, V. P., Doc of Med Sci -- (diss) "Pharmacological Investigation of New Cardiac  
Glucosides -- Frugosid, Erisimine, and Cymarine," Moscow, 1959, 16 pp (First Moscow  
Medical Institute im Sechenov) (KL, 2-60, 116)

GOVOROV, N.P., prof.; GOVOROV, V.P., dotsent

Searches for new sources of medicinal substances. Trudy OMI no.25:  
77-84 '59. (MIRA 14:10)

1. Iz kafedry farmakologii Omskogo meditsinskogo instituta imeni  
Kalinina, zav. kafedroy prof. N.P.Govorov.  
(PHARMACOGNOSY)

GOVOROV, V.P., dotsent

Action of frugoside, erysimin and cymarín on the cardiovascular system during experimental circulatory insufficiency. Trudy OMI no.25:161-165 '59. (MIRA 14:10)

1. Iz kafedry farmakologii Omskogo meditsinskogo instituta imeni Kalinina, zav. kafedroy dotsent V.P.Govorov.  
(BLOOD—CIRCULATION, DISORDERS OF)  
(CARDIAC GLYCOSIDES)

GOVOROV, V.P.; ROGOV, A.A.

Pathohistological changes in the parenchymal organs in cats after repeated administrations of certain cardiac glycosides. Farm. i toks. 23 no.2:140-142 Mr-Apr '60. (MIRA 14:3)

1. Kafedra farmakologii (zav.-deystvitel'nyy chlen AMN SSSR prof. V.V.Zakusov) i Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M.Sechenova i Tsentral'noy nauchno-issledovatel'skoy laboratorii imeni S.I.Chechulina (nauchnyy konsil'tant - chlen korrespondent AMN SSSR prof. A.I. Strukov, zav.A.S. Chechulin).  
(CARDIAC GLYCOSIDES)

MUKHLENOV, I.P.; SHAEL'NIKOV, A.P.; Prinimali uchastiye: KOSHURNIKOV, B.L.;  
GOVOROV, V.P.; BONDARCHUK, T.P.

Study of the processes of water-cycling concentration and purification  
of sulfur dioxide. Zhur.prikl.khim. 37 no.1:3-8 Ja '64.  
(MIRA 17:2)

1. Leningradskiy tekhnologicheskii institut imeni Lensoвета.

GOVOROV, Viktor Sergeyevich; LOTYSHEV, I.P., red.; KHLOBORDOV, V.I.,  
tekh. red.

[Treatment at Sochi-Matsesta Health Resort] Lechenie na kuror-  
te Sochi-Matsesta. Krasnodar, Krasnodarskoe knizhnoe izd-vo,  
1962. 135 p. (MIRA 15:9)  
(SOCHI---HEALTH RESORTS, WATERING-PLACES, ETC.)

STEFANOVICH, L.V.; GOVOROV, V.V.

Semiautomatic devices for pasting resins on optical parts.  
Opt.-mekh.prom. 25 no.6:38-41 Je '58. (MIRA 11:10)  
(Adhesives)

GOVOROV, V.Ye. (Moskva)

Algebras freely generated by finite amalgams. Mat.sbor.  
50 no.2:241-246 P '60. (MIRA 13:6)

(Algebra, Abstract)

GOVOROV, V. Ye.

Rings above which plane moduli are free. Dokl. AN SSSR 144  
no.5:965-967 Je '62. (MIRA 15:6)

1. Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova.  
Predstavleno akademikom A.I.Mal'tsevym.  
(Rings (Algebra))

GOVOROV, V.Ye.

Plane moduli. Sib.mat.zhur. 6 no.2:300-304 Mr-Ap '65.

(MIRA 18:5)

OSIPOVA, Ye.S.; GOVOROVA, Ye.V.; KRUPODER, V.Ya.

Treatment of the carriers of pathogenic staphylococci with erythromycin and ecmonovocillin. Antibiotiki 10 no.8:752-754 Ag '65. (MIRA 18:9)

1. Sanitarno-epidemiologicheskaya stantsiya Dzerzhinskogo rayona Krivogo Roga, rodil'nyy dom 2-y gorodskoy bol'nitsy.

BARINOV, N.A., kand.tekhn.nauk; POPOV, V.M., inzh.; GOVOROV, Yu.A., inzh.

Practice in using the water-cooled roof of the DSN-1,5 furnace.  
Mashinostroenie no.6:32-34 N-D '63. (MIRA 16:12)

GOVOROVA, A. D.

GOVOROVA, A. D. - "Alimentary and Defensive Non-conditioned Saliva Reactions in Female Dogs after Spaying." Rostov State U imeni V. M. Molotov, Rostov-on-Don, 1955 (Dissertations For the Degree of Candidate of Biological Sciences)

SO: Knizhnaya Letopis' No. 26, June 1955, Moscow

MARKOSYAN, A.A., red.; TARASOVA, K.V., red.; GOVORKOVA, A.F., red.;  
NOVOSELOVA, V.V., tekhn.red.

[Transactions of the Fifth Scientific Conference on Age-Related  
Morphology, Physiology, and Biochemistry] Trudy Piatqi nauchnoi  
konferentsii po vozrastnoi morfologii, fiziologii i biokhimi.  
Pod red. A.A.Markosiana. Moskva, Izd-vo Akad.nauk RSFSR, 1962.  
557 p. (MIRA 16:3)

1. Nauchnaya konferentsiya po vozrastnoy morfologii, fiziologii  
i biokhimi. 5th, 1961. 2. Chlen-korrespondent Akademii  
pedagogicheskikh nauk RSFSR (for Markosyan).  
(ANATOMY, HUMAN--CONGRESSES) (PHYSIOLOGY--CONGRESSES)  
(ONTOGENY--CONGRESSES)

KUZNETSOV, V.I.; GOVOROVA, A.G.; FADEICHEVA, A.G.; KIGEL', T.B.;  
CHERNYKH, M.A.

Complex utilization of brown coal in the Ukrainian S.S.R. Part 13.  
Tars from the semicoking of Ukrainian brown coal with a solid  
semicoke heat carrier. Ukr.khim.zhur. 21 no.6:804-809 '55.  
(MLRA 9:5)

1. Institut teploenergetiki AN USSR. Laboratoriya khimicheskoy  
pererabotki topliv.  
(Ukraine--Lignite) (Coal-tar products) (Coking)

CHERVYAKOVSKIY, G.F.; GOVOROVA, A.V.

Biotite containing monchiquites from the Krasnoural'sk region in  
the Central Urals. Zap. Vses. min. ob-va 88 no.5:597-599 '59.  
(MIRA 13:2)

1.Gorno-geologicheskii institut Ural'skogo filiala AN SSSR.  
(Krasnoural'sk region--Monchiquites)

GOVOROVA, G.F.

Infection of strawberries caused by the fungus *Phytophthora fragariae* Hickm. Biul. Glav. bot. sada no.54:105-110 '64.  
(MIRA 17:11)

1. Opytnaya stantsiya Vsesoyuznogo instituta rasteniyevodstva goroda Krymsk, Krasnodarskogo kraya.

GOVOROVA, G. L.

Cand Tech Sci

Dissertation: "Interaction of Wells and Processes of Redistribution of  
Bed Pressures."

21/6/49 21 June 49

Moscow Order of the Labor Red Banner Petroleum Inst  
imeni Academician I. M. Gubkin

SO Vecheryaya Moskva  
Sum 71

Govorova, G.L.

PISKUNOV, N. S.; GOVOROVA, G.L.

Approximation method for determining the movement of the water-oil  
boundary. Trudy VNI no.6:3-12 '54. (MLRA 9:1)  
(Petroleum engineering) (Oil field flooding)

**"APPROVED FOR RELEASE: 03/13/2001**

**CIA-RDP86-00513R000516430001-1**

**APPROVED FOR RELEASE: 03/13/2001**

**CIA-RDP86-00513R000516430001-1"**

AID P - 335

Subject : USSR/Mining

Card : 1/2

Authors : Govorova, G. L. and Amelin, I. D.

Title : Treatment of the results of the study of oil inflow  
in wells

Periodical : Neft. Khoz., v. 32, #5, 42-48, My 1954

Abstract : The authors describe two methods for the determination of the "indicator curve" for oil output from wells based on the study of changes in output dependent upon the difference between pressures in the stratum and those in the well. One method concerns the flow of homogeneous fluid for the oil pressure above the gas saturation pressure, and another two or three phases mixture flow (oil and gas or oil, water and gas) for oil pressure below the gas saturation pressure. Absolute oil penetrability is considered as a more stable physical characteristic than the effective penetrability because the latter is usually smaller and varies with saturation,

Neft. Khoz., v. 32, #5, 42-48, My 1954. (additional card) AID P - 335

Card : 2/2

which changes with the time element. The shape of the "indicator curve" (output-versus pressure difference) represents the production efficiency of the oil well. 5 charts, 4 tables and 4 Russian references (1948-50).

Institution : None

Submitted : No date

Govorova, G.L.

124-1957-10-11790

Translation from: Referativnyy zhurnal, Mekhanika, 1957, Nr 10, p 86 (USSR)

AUTHORS: Vakhitov, G.G., Govorova, G.L.

TITLE: Some Radial Problems of the Displacement of Petroleum by Water From a Non-uniformly Permeable Layer (Nekotoryye radial'nyye zadachi vytesneniya nefti vodoy iz neodnorodnogo po pronitsayemosti plasta)

PERIODICAL: Tr. Vses. nefteg. n.-i. in-ta, 1956, Nr 8, pp 250-261

ABSTRACT: The problem of the radial displacement of petroleum by water in a layer of uniform thickness containing two annular zones of different permeability is examined. The difference in the viscosity of water and oil is taken into account as well as the decreased phase permeability relative to water in the displacement region, which is regarded as approximately constant. The fluids and the soil stratum are regarded as incompressible and the seepage as laminar. Also investigated is the case of n annular concentric zones of different permeability. An example demonstrates the effect of non-homogeneity on the time of contraction of the petroliferous contour toward an annular tunnel.

V. L. Danilov

Card 1/1

GOVOROVA, G.L.; RYABININA, Z.K.

Basis for determining water cut oil layers. Trudy VNII No.10:247-  
249 '57. (MIRA 14:6)

(Oil reservoir engineering)



GouRouA, G.L.

11(2,4) PHASE I BOOK EXPLANATION 307/2536  
Moscow, Institut neftekhimicheskoy i gazovoy promyshlennosti.  
Problemy nefli i gaza (Oil and Gas Problems) Moscow, Gosizdatneft, 1959.  
364 p. (Series: Naft Trudy, vyp 24) Errata slip inserted, 2,000 copies  
printed.  
Sponsoring Agency: Ministerstvo Vysshago Obrazovaniya SSSR.  
Knee, Ed.; G. P. Morgunov, Tech. Ed.; I. G. Fedotova; Editorial Board:  
E. P. Zhigunov, Professor (Geop. Ed.), I. M. Murav'ev, Professor, A. A.  
Tikhomirov, Candidate of Economic Sciences, V. M. Vinogradov, Candidate  
of Technical Sciences, M. Chumachenko, Professor, F. P. Danyayev, Professor,  
I. A. Churayev, Professor, V. E. Dalimov, Professor, G. M. Puchashov,  
Professor.

PREFACE: This collection of articles is intended for specialists in the  
petroleum and gas industry. It will also be of interest to scientific  
research institutes, teachers and students of vuzs.  
Contents: This collection of articles reviews problems connected with natural  
and synthetic gas production. A number of articles are devoted to the  
study of regional oil- and gas-bearing zones, the crystalline beds underlying  
the Volga-Ural petroleumiferous region, tectonics of the Caspian depression,  
seismic geology, oil well logging, development of oil and gas fields,  
petroleum-bearing formations and their physicochemical characteristics, and  
petroleum engineering. One of the articles deal with gas turbine engines and  
their possible use in the oil industry, the production of carbonyl-  
methylocellulose compounds, the application of toxic exchange tars to the  
organic catalysis, continuous etching of metal petroleum residues, (fluidi-  
cation), the improvement of lube oil production, the influence of  
acid esters on properties of lubricating oil and grease. The book contains  
a number of photographs, tables, flow sheets, and diagrams. The book contains  
data relating to coal gasification and conversion of heavy petroleum resi-  
dues over a fluidized bed catalyst deserve special attention. References  
accompany individual articles.

Plavinsky, P. P. (Deceased); V. A. Lepinskaya, and V. S. Lyayev. Some  
Aspects of the Petrographic Study of Crystalline Beds Underlying the  
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tributed Inflow

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Wear Resistance of Rock Bits by Reinforcing Them with a Hard  
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Tomilov, A. D. Stability of Biaxial Plastic Tension

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Marthasov, E. I. (Deceased), and A. A. Petr-Akchie. Cutting Tempera-  
ture in Round Milling Performed by Flaw Cutters

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Porokhov, B. P. Comparable Characteristics of Gas Turbine Unit  
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.. GovoROVA, G. L.

11(4)

PHASE I BOOK EXPLOITATION

SOV/1502

Murav'yev, Ivan Mikhaylovich, Ruben Samsonovich Andriasov, Shamil' Kashafovich Gimatudinov, Galina Leonidovna Govorova, and Vladimir Tikhonovich Polozkov.

Razrabotka i ekspluatatsiya neftyanykh i gazovykh mestorozhdeniy (Development and Exploitation of Oil and Gas Deposits) Moscow, Gostoptekhizdat, 1958.  
495 p. 6,000 copies printed.

Reviewers: Yu. P. Borisov, Candidate of Technical Sciences; Ed.: I.M. Murav'yev, Professor; Exec. Ed.: Z.A. Savina; Tech. Ed.: E.A. Mukhina.

PURPOSE: The book is intended as a textbook for students in engineering, economic and geological-surveying subjects in petroleum institutes, and may be used by the engineering and technical personnel in oil fields.

COVERAGE: The authors survey modern scientific concepts of the physics of formations, the theory of petroleum, gas and gas-condensate field development, and the technology of oil and gas production. They review the methods of planning the development of oil and gas fields, the maintenance of formation pressures and secondary oil-recovery methods, the modern state and techniques of oil and gas wells exploitation and maintenance, as well as the gathering of oil and gas

Card 1/12

Development and Exploitation of Oil and Gas Deposits

SOV/1502

in the fields, primary working processes, transportation, storage, and the utilization of gas. The book was reviewed by the faculty of oil field development of the Groznenskiy neftyanoy institut (Groznyy Petroleum Institute) and Yu. P. Borisov, Candidate of Technical Sciences. There are 88 Soviet references.

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Card 2/12

APEL'TSYN, I.N., doktor tekhn.nauk; BARS, Ye.A., kand.geol.-min.nauk;  
BORISOV, Yu.P., kand.tekhn.nauk; VELIKOVSKIY, A.S., prof.; VYSOTSKIY,  
I.V., kand.geol.min.nauk; GOVOROVA, G.L., dots.; DAKHNOV, V.N., prof.  
ZHDANOV, M.A., prof.; ZHUKOV, A.I., dots.; KOTYAKHOV, F.I., prof.;  
KREMS, A.Ya., doktor geol.-min.nauk; MURAV'YEV, I.M., prof.;  
MUSHIN, A.Z., inzh.; NAMIOT, A.Kh., kand.tekhn.nauk; KHODANOVICH,  
I.Ye., kand.tekhn.nauk; KHLYSTOV, V.T., inzh.; CHERNOV, B.G., kand.  
tekhn.nauk; SHUROV, V.I., dots.; SAVINA, Z.A., vedushchiy red.;  
POLOSINA, A.S., tekhn.red.

[Manual for petroleum extraction] Spravochnik po dobyche nefi.  
Pod obshchei red. I.M.Murav'eva. Moskva, Gos. nauchno-tekhn.izd-vo  
neft. i gorno-toplivnoi lit-ry. Vol. 1. 1958. 540 p. (MIRA 11:4)  
(Petroleum industry)

ZHDANOV, M.A.; GOVOROVA, G.I.

Problems relative to petroleum production by means of the  
central intraboundary flooding system. Neft.khoz. 36  
no.2:34-39 7 '58. (MIRA 12:4)  
(Oil field flooding)

Govorova G. I.

AUTHOR: Gusseyin-Zade, M. A., and Govorova, G. I.

93-58-3-14/17

TITLE: Determination of Fluid Loss During Water Drive Reservoir Development  
(Opredeleniye utechki zhidkosti pri razrabotke plastov s vodonapornym rezhimom)

PERIODICAL: Neftyanoye khozyaystvo, 1958, Nr 3, pp 57-58 (USSR)

ABSTRACT: The article presents methods for determining fluid influx or loss in formations where the wells are in a circular or linear arrangement. V. N. Shchelkachev's equations [Ref 1] are recommended for formations which are exploited by wells of circular arrangement and equations [Ref 2] of the Moscow "Order of Labor Red Banner" Petroleum Institute (MNI) are recommended for wells of linear arrangement. The MNI equations [Ref 2] can also be applied to staggered rows of producing and water-injection wells. The method devised by A. P. Ambartsumyan and his coworkers [Ref 3] for determining fluid influx or loss in staggered rows of wells is more cumbersome than the MNI method. The authors conclude that the equations they recommend will permit estimation of fluid influx or loss in water-drive reservoirs with sufficient accuracy. There are 3 Soviet references and 1 table.

AVAILABLE: Library of Congress

Card 1/1

GOVOROVA, G.L.; GUSEYN-ZADE, M.A.

Simplifying design equations for calculating oil-well yields.  
Trudy MNI no.22:217-230 '58. (MIRA 12:4)  
(Oil field flooding)

GOVOROVA, Galina Leonidovna; BORISOV, Yu.P., kand.tekhn.nauk, retsenzent;  
PISTROVA, Ye.A., vedushchiy red.; POLOSINA, A.S., tekhn.red.

[Problems on the production of oil and gas fields] Sbornik  
zadach po razrabotke neftiannykh i gazovykh mestorozhdenii.  
Moskva, Gos.nauchno-tekhn.izd-vo nef. i gorno-toplivnoi lit-ry,  
1959. 242 p. (MIRA 13:1)  
(Oil fields--Production methods)

SHCHELKACHEV, V.N.; BARANOVSKAYA, N.N.; GOVOROVA, G.L.; GUSEYN-ZADE, M.A.

Studies of the department of theoretical mechanics on underground  
hydrodynamics and the theory of oil field production. Trudy MINKHIGP  
no.24:122-139 '59. (MIRA 13:3)  
(Oil fields--Production methods)

KHUAN' KOU-ZHEN' [Huan K'ou-jên]; GUSEYN-Zade, M.A., rukovoditel' raboty;  
GOVOROVA, G.L., rukovoditel' raboty.

Analyzing pressure build-up curves considering the fluid influx  
to a well after closing-in. Trudy MINKHIGP no.42:164-175 '63.  
(MIRA 17:3)

GOVOROVA, G.I.; SALTIKOVA, Z.A.; SHCHELKACHEV, V.N.

Analyzing the rates of withdrawal and depletion of reserves in various stages of the development of oil fields in the United States. Trudy MINKH1GP no.48:260-273 '64.

(MIRA 18:3)

MURAV'YEV, Ivan Mikhaylovich, prof.; ANDRIASOV, Ruben Samsonovich;  
GIMATUDINOV, Shamil' Kashapovich; GOVOROVA, Galina  
Leonidovna; POLOZKOV, Vladimir Tikhonovich; SAVINA, Z.A.,  
ved. red.

[Development and exploitation of oil and gas fields] Raz-  
rabotka i ekspluatatsiia neftiannykh i gazovykh mestorozh-  
denii. Izd.2., perer. Moskva, Nedra, 1965. 504 p.  
(MIRA 18:2)

GOVOROVA, L. A.

3/036/60/003/008/001/001  
2012/B051

Author: None Given

**TITLE: Chronology**

PERIODICAL: Geodetika i kartografiya, 1960, No. 6, pp. 72-77

TEXT: From May 10-14, 1980, the 25th Interdepartmental Conference on the Problems of the Development of the Scientific and Technical Creativity of the USSR Academy of Sciences (Academy of Sciences of the USSR, Gostekhnicheskii nauchnyi tsentr) was held in Moscow. It was convened by the Gostekhnicheskii nauchnyi tsentr, Leningrad Scientific and Technical Center (Academy of Sciences of the USSR), and the Department of Scientific and Technical Creativity of the Committee of Science and Technology of the Academy of Sciences of the USSR and the Department of Scientific and Technical Creativity of the USSR Academy of Sciences. The conference was held in the Gostekhnicheskii nauchnyi tsentr, Leningrad Scientific and Technical Center (Academy of Sciences of the USSR), 216 representatives of 66 organizations took part in this conference: production organizations, organizations working in the field of scientific and technical creativity, research centers, testing and construction organizations, educational institutions, and organizations of the Academy of Sciences (Academy of Sciences of the USSR). Bibliography databases of the USSR (Library Department of the

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[illegible]

**card 2/6**

[illegible]

**Card 5/6**

## Chronicle

8/005/60/000/000/201/001  
B012/B051

[illegible]

Card 4/6

Chemicals and technology in production of goods and services were discussed. At the Conference it was stated that the extent to which the work mentioned will be followed up increased within the next year. The methods applied are too extensive and numerous to be described in detail. The methods applied are too complicated and expensive; the ecological, organizational, and technological photographs and topographical plans available on a large scale were not sufficiently used. The ecological and organizational photographs were destroyed, insufficient technical explanation by insufficient technical material in direction in the classroom and material supply by a lack of material (chemistry near ISSN (Ministry of Science and the Ministry of Education). At this time, for the USSR, the recommendations are given to improve the Conference organized to ensure scientific and technical workers' experience the effort. For improving information and technical workers' research a section for the board of the present periodical, the strategy of observations. The participants in the Conference appealed to the workers

Card 5/6

of the topographical surveying service of the Japanese Army in order to carry out the regulations of the 21st Party Congress, CPUSA and the plans of the Central Committee of the CPUSA.

Card 6/6

GOVOROVA, L.A.

Errors occurring in the interpolation of gravity anomalies and the  
accuracy of gravimetric deviation of plumb line. Trudy  
TSNIIGAİK no.139:77-81 '60. (MIRA 14:7)  
(Gravimetry)

35222

S/035/62/000/002/037/05

A001/A101

3,4000 (1106)

AUTHOR: Govorova, L. A.

TITLE: On errors in interpolation of gravity anomalies and accuracy of gravimetric deviations of perpendicular lines

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 2, 1962, 24, abstract 2G149 ("Tr. Tsentr. n.-i. in-ta geod., aeros"yemki i kartogr.", 1960, no. 139, 77-81)

TEXT: Errors  $\delta g$  of interpolations of gravity anomalies are determined for a plain region and two broken terrains. One gravimetric station is per 4, 5 and 10 km<sup>2</sup>. In the plain region gradients of anomalies amount to 4 mgal/km; the field of one of the broken regions is characterized by the author as a uniform one, whereas in the second field variations of the order to 50 mgal are observed. The author puts into the basis of calculations the differences, on 1-km<sup>2</sup> areas, between the average anomaly values obtained by interpolation from anomaly isoline charts constructed by all regional gravimetric stations and by a network of stations rarefied by several times. The results of calculations are presented in a table: X

Card 1/3 \* mgal = milligal = 10<sup>-3</sup> cm/sec<sup>2</sup>

On errors in interpolation of gravity ...

S/035/62/000/002/037/052  
A001/A101

No. of region	Degree of rarefaction	Average separation between stations, km	Number of elementary areas	Total interpolation errors, mgal
1	1/2	2.9	5,000	± 0.58
	1/4	4.0	5,000	0.58
	1/8	5.7	4,754	0.87
	1/16	8.1	4,611	1.33
	1/64	16.2	3,864	2.56
2	1/2	3.2	5,100	0.55
	1/4	4.5	5,100	0.82
	1/8	6.3	4,700	1.29
	1/64	18.0	3,674	2.16
3	1/2	4.5	10,800	0.90
	1/4	6.3	10,800	1.24
	1/8	8.9	10,800	1.55
	1/32	18.0	10,752	2.10

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On errors in interpolation of gravity ...

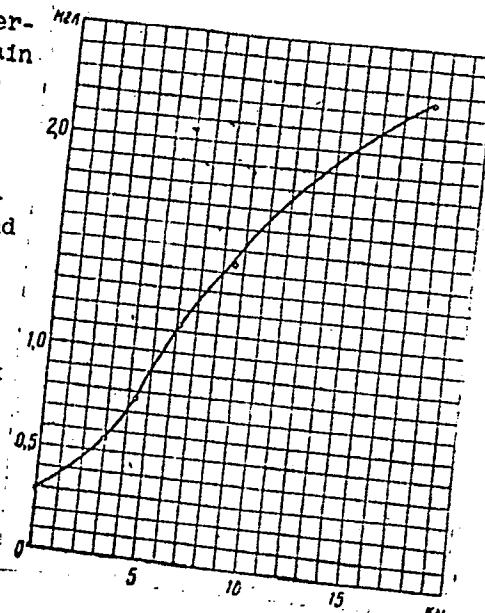
The author holds that the curve (see Fig.) plotted by averaged results can serve to determine the total errors of interpolation in plain and broken regions at separations between stations up to 20 km. The errors  $\delta V$  for any of the components of vertical deflections are determined for 20 arbitrarily selected points from the charts of differences of average anomaly values in elementary areas at the full and rarefied networks of gravimetric stations. It was obtained:  $\delta V = \pm(0''147 \pm 0.012) \delta g$  which is consistent with Molodenskiy's formula:  $\delta V = \pm 0''15 \delta g$  (RZhAstr, 1960, no. 12, 12799). See also RZhAstr, 1956, no. 8, 4833 and Sbornik referatov TsNIIGAIK, no. 8, 1957. There are 5 references.

L. Govorova

[Abstracter's note: Complete translation]

Card 3/3

S/035/62/000/002/037/052  
A001/A101



PELLINEN, L.P.; GOVOROVA, L.A.

Evaluation of the accuracy of astrogravimetric leveling in the  
U.S.S.R. Trudy TSNIIGAik no.145:43-59 '62. (MIRA 15:11)  
(Leveling)

SKRYNNIKOVA, G.N.; GOVOROVA, L.M.; MATVEYEVA, N.I.

Determining diatomic phenols in small concentrations by the  
methods of colorimetry and coulometry. Trudy VNIIT no.13:200-  
212 '64.  
(MIRA 18:2)

GOVOROVA, L.M.; SKRYNNIKOVA, G.N.; VORONOVA, Ye.I.

Using 30% hydrochloric acid for the colorimetric determination of phenols with vanillin in the tar waters of shale-refining combines. Trudy VNIIT no.13:227-231 '64.

(MIRA 18:2)

*G. G. GOROVA, L. S.*

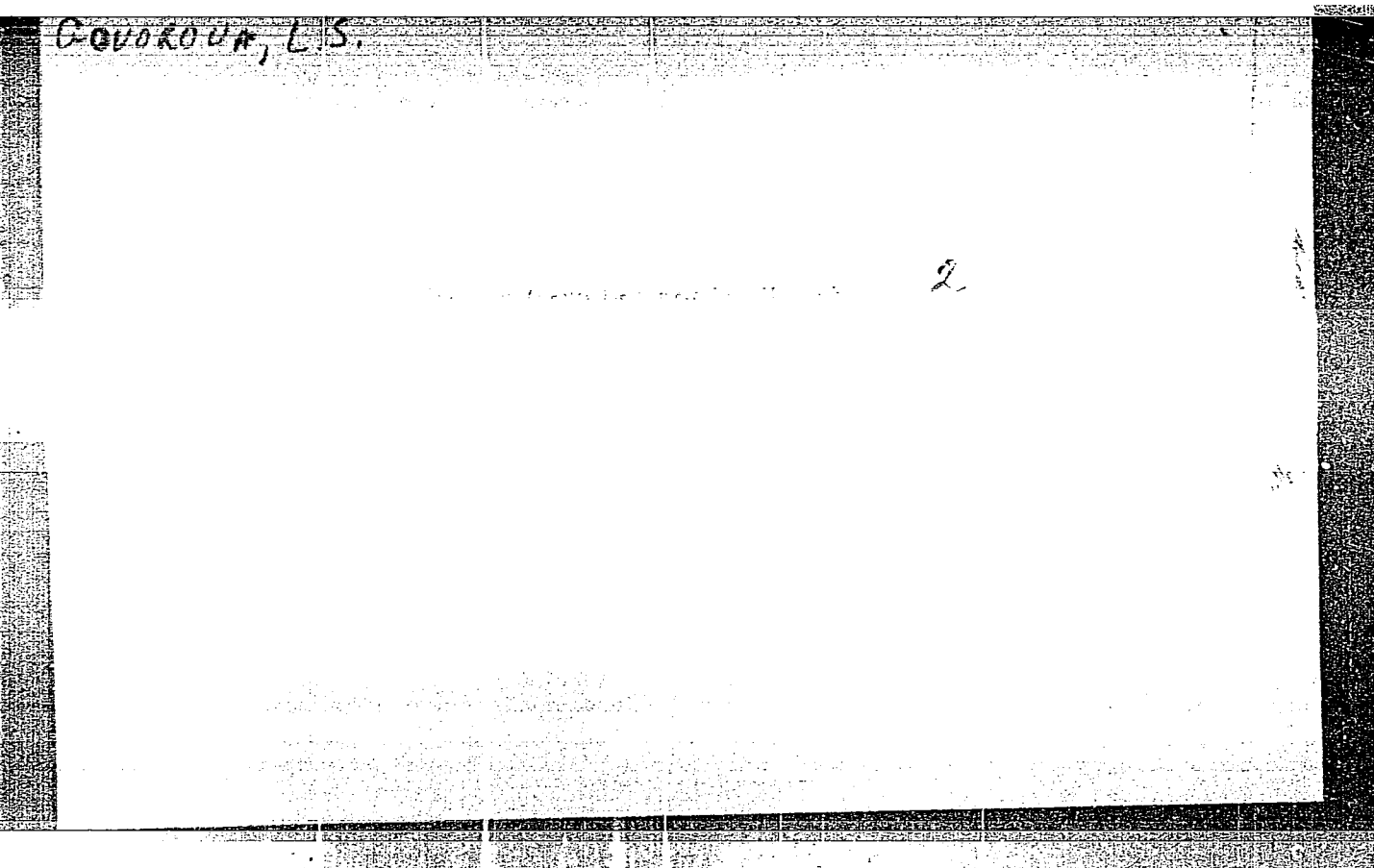
14

Determination of average water hardness by potassium oleate. L. A. Bukina and L. S. Goryunova. *Zashchita* Lab. 14, 1400(1948).—A 100-ml. water sample is titrated by 0.1 N HCl or H<sub>2</sub>SO<sub>4</sub> with methyl orange; after boiling 5 min. to remove CO<sub>2</sub> and cooling (closed by a soda lime tube), the soln. is neutralized by 0.1 N NaOH with phenolphthalein indicator, removing the color by a drop of 0.1 N uchl. The sample is then titrated with standard alk. soln. of K oleate (30-5 g. oleic acid in 50 ml. 90% EtOH treated with filtered soln. from 8 g. KOH in 100 ml. 96% EtOH with phenolphthalein indicator; final vol. is adjusted to 1 l. by 96% EtOH) to pink color. Total hardness is given by multiplication of K oleate vol. used by its titre, which is given by:  $K = AC/B$ , where  $K$  is the titre,  $A$  is the vol. of 0.1 N acid used in the standardization (see below),  $C$  is the titre of 0.1 N acid, and  $B$  is the vol. of K oleate used to titrate the sample (see below). Standardization: 10 ml. of filtered satd. Ca(OH)<sub>2</sub> soln. is dild. by 90 ml. water and titrated by 0.1 N acid with methyl orange, boiled, cooled and neutralized by 0.1 N NaOH with phenolphthalein indicator, removing the pink color by a drop of 0.1 N uchl. after which the soln. is titrated to pink color by the K oleate soln. Good checks with the palmate method are obtained.

G. M. Koshakov

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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GOVOROVA, L.S.

USSR/Chemical Technology - Chemical Products and Their  
Application. Water treatment. Sewage water.

I-11

Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 12751

Author : Zheludkova A.M. and Govorova L.S.

Inst : Moscow Power Installations

Title : On Determination of Steam Quality from Its Alkalinity

Orig Pub : Inform. Materialy Mosenergo. 1955, No 8, 60-64

Abstract : It is shown that determination of alkalinity of the steam condensate, even on maintenance of optimal conditions (titration with 0.01 N solution of acid using a mixed indicator, absence of  $\text{CO}_2$ ) and correction for  $\text{NH}_3$ , results in an error (3.5 % g-equivalent/liter) that exceeds the permissible norm of salt content in the steam. Therefore determination of alkalinity can be utilized only to detect drastic deterioration of quality of the steam.

Card 1/1

- 170 -

GOVOROVA, M.A.

Carbohydrate metabolism in patients with peptic ulcer following  
resection of the stomach. Vrach. delo no.8:23-26 Ag '60. (MIRA 13:9)

1. Klinika lechebnogo pitaniya (zav. - dotsent M.S. Gorovova) Ukrain-  
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